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FIGURE 1
Map of a First IL-17 Receptor Like cDNA (SEQ ID No: 1)
and Amino Acid (SEQ ID NO: 2)

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1 ATAAAAGCGCAGCGTGCGGGTGGCCTGGATCCCGCGCAGTGGCCCGGCGATGTCGCTCGT 60
                                     M S L V -

61 GCTGCTAAGCCTGGCCGCGCTGTGCAGGAGCGCCGTACCCCGAGAGCCGACCGTTCAATG 120
   L L S L A A L C R S A V P R E P T V Q C -

121 TGGCTCTGAAACTGGGCCATCTCCAGAGTGGATGCTACAACATGATCTAATCCCCGGAGA 180
    G S E T G P S P E W M L Q H D L I P G D -

181 CTTGAGGGACCTCCGAGTAGAACCTGTTACAACAGTGTGCAACAGGGGACTATTCAAT 240
    L R D L R V E P V T T S V A T G D Y S I -

241 TTTGATGAATGTAAGCTGGGTACTCCGGGCAGATGCCAGCATCCGCTTGTTGAAGGCCAC 300
    L M N V S W V L R A D A S I R L L K A T -

301 CAAGATTTGTGTGACGGGCAAAAGCAACTTCCAGTCCCTACAGCTGTGTGAGGTGCAATTA 360
    K I C V T G K S N F Q S Y S C V R C N Y -

361 CACAGAGGCCCTTCCAGACTCAGACCAGACCCCTCTGGTGGTAAATGGACATTTTCCTACAT 420
    T E A F Q T Q T R P S G G K W T F S Y I -

421 CGGCTTCCCTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCCATAATATTCCTAATGC 480
    G F P V E L N T V Y F I G A H N I P N A -

481 AAATATGAATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCAGGCTGCCTAGA 540
    N M N E D G P S M S V N F T S P G C L D -

541 CCACATAATGAAATATAAAAAAAGTGTGTCAAGGCCGGAAGCCTGTGGGATCCGAACAT 600
    H I M K Y K K K C V K A G S L W D P N I -

601 CACTGCTTGTAAGAAGAATGAGGAGACAGTAGAAGTGAAGTTCACAACCACTCCCCTGGG 660
    T A C K K N E E T V E V N F T T T P L G -

661 AAACAGATACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCTCAGGTGTTTGA 720
    N R Y M A L I Q H S T I I G F S Q V F E -

721 GCCACACCAGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACTGGGGATAGTGA 780
    P H Q K K Q T R A S V V I P V T G D S E -

781 AGGTGCTACGGTGCAGCTGACTCCATATTTTCTACTTGTGGCAGCGACTGCATCCGACA 840
    G A T V Q L T P Y F P T C G S D C I R H -

841 TAAAGGAACAGTTGTGCTCTGCCCACAAACAGGCGTCCCTTTCCCTCTGGATAACAACAA 900
    K G T V V L C P Q T G V P F P L D N N K -

901 AAGCAAGCCGGGAGGCTGGCTGCCTCTCCTCCTGCTGTCTCTGCTGGTGGCCACATGGGT 960
    S K P G G W L P L L L L S L L V A T W V -

961 GCTGGTGGCAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAGACTTCCTTTTC 1020
    L V A G I Y L M W R H E R I K K T S F S -

1021 TACCACCACACTACTGCCCCCATTAAGGTTCTTGTGGTTTACCCATCTGAAATATGTTT 1080
    T T T L L P P I K V L V V Y P S E I C F -

1081 CCATCACACAATTTGTTACTTCACTGAATTTCTTCAAACCATTCGAGAAGTGAGGTCAT 1140
    H H T I C Y F T E F L Q N H C R S E V I -

1141 CCTCGAAAAGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGCAGTGGCTTGCCAC 1200
    L E K W Q K K K I A E M G P V Q W L A T -

```

Figure 1 (continued)

1201 TCAAAAGAAGGCAGCAGACAAAGTCGTCTTCCTTCTTTCCAATGACGTCAACAGTGTGTG 1260
Q K K A A D K V V F L L S N D V N S V C -
1261 CGATGGTACCTGTGGCAAGAGCGAGGGCAGTCCCAGTGAGAACTCTCAAGACCTCTTCCC 1320
D G T C G K S E G S P S E N S Q D L F P -
1321 CCTTGCCTTTAACCTTTTCTGCAGTGATCTAAGAAGCCAGATTTCATCTGCACAAATACGT 1440
L A F N L F C S D L R S Q I H L H K Y V -
1441 GGTGGTCTACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTCAGTGTCTGCCC 1500
V V Y F R E I D T K D D Y N A L S V C P -
1501 CAAGTACCACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTCCATGTCAAGCA 1560
K Y H L M K D A T A F C A E L L H V K Q -
1561 GCAGGTGTCAGCAGGAAAAAGATCACAAAGCCTGCCACGATGGCTGCTGCTCCTTGTAGCC 1620
Q V S A G K R S Q A C H D G C C S L *
1621 CACCCATGAGAAGCAAGAGACCTTAAAGGCTTCCTATCCCACCAATTACAGGGAAAAAAC 1680
1681 GTGTGATGATCCTGAAGCTTACTATGCAGCCTACAAACAGCCTTAGTAATTAACATTT 1740
1741 TATACCAATAAAATTTTCAAATATTGCTAACTAATGTAGCATTAACGATTGGAAAC 1800
1801 TACATTTACAACCTCAAAGCTGTTTTATACATAGAAATCAATTACAGCTTTAATTGAAAA 1860
1861 CTGTAACCATTTTGATAATGCAACAATAAAGCATCTTCAGC 1901

103120-2207.860

FIGURE 2
Homology of a First IL-17 human Receptor Like Polypeptide
Amino Acid Segeunce (SEQ ID NO: 2) and Known Human IL-17
Receptor Family Member (SEQ ID NO: 3)

```

1 .....MSLVLLSLAALCRSAVPREP 20
      || || || |
1 MGAARSPPSAVPGPLLGLLLLLLGVLPAGGASLRLLDHRALVCSQPGLNC 50
21 TVQCGSETGPSPEWMLQHDLI PGDLRLRVEPVTTSVATGDYSILMNVS 70
  || . | . | . | . | . | . | . | . | . | . | . | . |
51 TVK..NSTCLDDSWIHPRNLTPSSPKDLQIQLHFAHTQQGDLFPVAHIEW 98
71 VLRADASIRLLKATKICVTGKSNFQSYSCVRCNYTEAFQTQTRPSGGKWT 120
  | . |||| | . : | . | ||| | . | . | :
99 TLQTDASILYLEGAELSVL.QLNTNERLCVRFE....FLSKLRHHHRRWR 143
121 FSYIGFPELNTVYFIGAHNIPNANMNEDGPSMSVNFTSPGCLDHIMKYK 170
  | : | | : . | : | : | . | || | | | ||
144 FTFSHFVDPDQEYEVTVHHLPKPIPDGDPNHQSKNFLVPDCEHARMKVT 193
171 KKC VKAGSLWDPNITACKKNEETVEVNFTTTPLGNYMALI.....QH 213
  | . ||||| ||| | . | . | | : |
194 TPCMSSGSLWDPNITVETLEAHQLRVSTLWNETHYQILLTSFPHMENH 243
214 STIIGFSQVFEPHQKKQTRASVVI PVTGDSEGA...TVQLTPYFPTCGSD 260
  | : | . | . | | . | || : | : | . | . |
244 SCFEHMHHIPAPRPEEFHQRSNVTLT LRLNLKGCCR HQVQIQPFFSSCLND 293
261 CIRHKGTVVLC PQ.TGVFPFLDNNKSKPGGWLPLLLLSLLVATWVLVAGI 309
  | : || | | || : | | : . | : : | : | . | : . :
294 CLRHSAT.VSCPEMPDTPEPIPDYMWPLWVYWF.ITGISILLVGSVILLIV 341
310 YLMWRHERIKKTSFSTTT.....LLP....PIKVLVVYPSE.ICF 344
  : || : | : | : | : | || : | : | :
342 CMTWRLAGPGSEKYSDDTKYTDGLPAADLIPPLKPRKVWIIYSADHPLY 391
345 HHTICYFTEFLQNHCRSEVILEKWQKKKIAEMGPVQWLATQK....KAAD 390
  : | : || | . || | : : . | . | . | . |
392 VDVVLKFAQFLLTACGTEVALDLLEEQAISEAGVMTWVGRQKQEMVESNS 441
391 KVVFLLSNDVNSVCDGTCGKSEGSP.....SENSQDLFPLAFNLFCS 433
  | : : | | . | : | . | || | | : |
442 KIIIVLCSRGTRAKWQALLGR..GAPVRLRCDHGKPVGD LFTAAMNMILPD 489
434 LRSQIHLHKYVVVYFREIDTKDDY.NALSVCPKYHLMK..DATAFCAELL 480
  : ||| || | : | . | : | || : | : |
490 FKR PACFGTYVV CYFSEVSCDGDV PDLFGAAPRYPLMDRFEEVYFRIQDL 539
481 HVKQQVSAGKRSQACHDGCCSL*..... 503
  . | : : |
540 EMFQPGRMHRVGELSGDNYLRSPGGRQLRAALDRFRDWQVRCPDWFECE 589

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FIGURE 2

FIGURE 3
Map of a Second Human IL-17 Receptor Like cDNA (SEQ ID NO: 4)
And Amino Acid (SEQ ID NO: 5) Sequences

1 ATAAAAGCGCAGCGTGC GG GTGGCCTGGATCCCGCGCAGTGGCCCGGCGATGTCGCTCGT 60
M S L V -

61 GCTGCTAAGCCTGGCCGCGCTGTGCAGGAGCGCCGTACCCCGAGAGCCGACCGTTCAATG 120
L L S L A A L C R S A V P R E P T V Q C -

121 TGGCTCTGAAACTGGGCCATCTCCAGAGTGGATGCTACAACATGATCTAATCCCCGGAGA 180
G S E T G P S P E W M L Q H D L I P G D -

181 CTTGAGGGACCTCCGAGTAGAACCTGTTACAAC TAGTGTGCAACAGGGGACTATTCAAT 240
L R D L R V E P V T T S V A T G D Y S I -

241 TTTGATGAATGTAAGCTGGGTACTCCGGGCAGATGCCAGCATCCGCTTGTGTAAGGCCAC 300
L M N V S W V L R A D A S I R L L K A T -

301 CAAGATTTGTGTGACGGGCAAAAGCAACTTCCAGTCCACAGCTGTGTGAGGCTGGAGTG 360
K I C V T G K S N F Q S Y S C V R L E C -

361 CAGTGGTGC GATCATGGCTCGCTGCGACCTCAATCTTCTGGGCTCAAGCGATCGTTCTGC 420
S G A I M A R C D L N L L G S S D R S A -

421 TTCAGCCTCCCGAGCGGCTGGGACTGCAGGCGTGGGCCACCAGACCTGGCTAATTTTGT 480
S A S R A A G T A G V G H Q T W L I F V -

481 AGTTTTTGTAGAGGGGGGTTTACC GTGTTGCTGGTCTTGAATTCCAGTGCTCAGGCGAT 540
V F V E G G F T V L L V L N S S A Q A I -

541 CTGCCTGCCTCGGCTTCCCAAAGTGCTGGGATTACAGTGGACATTTTCTACATCGGCTT 600
C L P R L P K V L G L Q W T F S Y I G F -

601 CCCTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCCATATATTCCTAATGCAAATAT 660
P V E L N T V Y F I G A H N I P N A N M -

661 GAATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCAGGCTGCCTAGACCACAT 720
N E D G P S M S V N F T S P G C L D H I -

721 AATGAAATATAAAAAAAGTGTGTCAAGGCCGGAAGCCTGTGGGATCCGAACATCACTGC 780
M K Y K K K C V K A G S L W D P N I T A -

781 TTGTAAGAAGAATGAGGAGACAGTAGAAGTGAAC TTCACAACCACTCCCCTGGGAAACAG 840
C K K N E E T V E V N F T T T P L G N R -

841 ATACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCTCAGGTGTTTGAGCCACA 900
Y M A L I Q H S T I I G F S Q V F E P H -

901 CCAGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACTGGGGATAGTGAAGGTGC 960
Q K K Q T R A S V V I P V T G D S E G A -

961 TACGGTGCAGCTGACTCCATATTTTCTACTTGTGGCAGCGACTGCATCCGACATAAAGG 1020
T V Q L T P Y F P T C G S D C I R H K G -

FIGURE 3

Figure 3 (continued)

1021 AACAGTTGTGCTCTGCCACAAACAGGCGTCCCTTTCCCTCTGGATAACAACAAAAGCAA 1080
T V V L C P Q T G V P F P L D N N K S K -

1081 GCCGGGAGGCTGGCTGCCTCTCCTCCTGCTGTCTCTGCTGGTGGCCACATGGGTGCTGGT 1140
P G G W L P L L L L S L L V A T W V L V -

1141 GGCAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAGACTTCCTTTTCTACCAC 1200
A G I Y L M W R H E R I K K T S F S T T -

1201 CACACTACTGCCCCCATTAAGGTTCTTGTGGTTTACCCATCTGAAATATGTTTCCATCA 1260
T L L P P I K V L V V Y P S E I C F H H -

1261 CACAATTTGTTACTTCACTGAATTTCTTCAAACCATTGCAGAAGTGAGGTCATCCTCGA 1320
T I C Y F T E F L Q N H C R S E V I L E -

1321 AAAGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGCAGTGGCTTGCCACTCAAAA 1380
K W Q K K K I A E M G P V Q W L A T Q K -

1381 GAAGGCAGCAGACAAAGTCGTCTTCTTCTTTCCAATGACGTCAACAGTGTGTGCGATGG 1440
K A A D K V V F L L S N D V N S V C D G -

1441 TACCTGTGGCAAGAGCGAGGGCAGTCCCAAGTGAAGACTCTCAAGACCTTCCCCCTTGC 1500
T C G K S E G S P S E N S Q D L F P L A -

1501 CTTTAACCTTTTCTGCAGTGATCTAAGAAGCCAGATTCATCTGCACAAATACGTGGTGGT 1560
F N L F C S D L R S Q I H L H K Y V V V -

1561 CTACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTCAGTGTCTGCCCCAAGTA 1620
Y F R E I D T K D D Y N A L S V C P K Y -

1621 CCACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTCCATGTCAAGCAGCAGGT 1680
H L M K D A T A F C A E L L H V K Q Q V -

1681 GTCAGCAGGAAAAAGATCACAAGCCTGCCACGATGGCTGCTGCTCCTTGTAGCCCCACCCA 1740
S A G K R S Q A C H D G C C S L *

1741 TGAGAAGCAAGAGACCTTAAAGGCTTCCTATCCCACCAATTACAGGGAAAAAACGTGTGA 1800

1801 TGATCCTGAAGCTTACTATGCAGCCTACAAACAGCCTTAGTAATTAAACATTTTATACC 1860

1861 AATAAAATTTTCAAATATTGCTAACTAATGTAGCATTAACCTAACGATTGGAACTACATT 1920

1921 TACAACCTTCAAAGCTGTTTTATACATAGAAATCAATTACAGCTTTAATTGAAAACGTGTA 1980

1981 CCATTTTGATAATGCAACAATAAAGCATCTTCAGC 2015

00010001 031501
T0520 120000

FIGURE 4
Homology of a Second IL-17 Human Receptor Like Polypeptide
Amino Acid Sequence (SEQ ID No: 5) and KNown Human IL 17
Receptor Family Mamber (SEQ ID NO: 3)

```

1 MSLVLLSLAALCRSAVPREPTVQCGSETGPSPEWMLQHDLPGLRDLRV 50
1 .....MGAARS 6
51 EPVTTSVATGDYSILMNVSWVLR.ADASIRLL.KATKICVTGKSNFQSYS 98
7 PP..SAVPGPLLGLLLLLLGV LAPGGASLRLLDHRALVCSQPGLNCTVKN 54
99 CVRLECSGAIMARCDLNLGSSDRSA.....SASRAAGTAGVGHQNWLI 142
55 STCLDDSW.IHPR...NLTPSSPKDLQIQLHFAHTQQGDLFPVAHIEWTL 100
143 ....FVVFVEGGFTVLLVLNSSAQAICL..PRLPKVL..GLQWTFYSYIGF 184
101 QTDASILYLEGAELSVLQLNTN.ERLCVRFEFLSKLRHHHRRWRFTFSHF 149
185 PVELNTVYFIGAHNIPNANMNEDGPSMSVNFTSPGCLDHIMKYKKKCVKA 234
150 VVDPDQEYEVTVHHLPKPIPDGDPNHQSKNFLVPDCEHARMKVTTPCMSS 199
235 GSLWDPNITACKKNEETVEVNFTTTPLGNRYMALI.....QHSTIIGF 277
200 GSLWDPNITVETLEAHQLRVSTLWNETHYQILLTSFPHMENHSCFEHM 249
278 SQVFEPHQKKQTRASVVIPVTGDSEGA...TVQLTPYFPTCGSDCIRHKG 324
250 HHIPAPRPPEEFHQRSNVTLTLRNLKGCCRHOVQIQPFFSSCLNDCLRHSA 299
325 TVVLCPO.TGVPPFLDNNKSKPGGWLPLLLLSLLVATWVLVAGIYLMWRH 373
300 T.VSCPEMPDTPEPIPDYMWVYWF.ITGISILLVGSVILLIVCMTWRL 347
374 ERIKTSFSSTTT.....LLP....PIKVLVVYPSE.ICFHHTICY 408
348 AGPGSEKYSDDTKYTDGLPAADLIPPPLKPRKVWIIYSADHPLYVDVVLK 397
409 FTEFLQNHCRSEVILEKWQKKKIAEMGPVQWLATQK....KAADKVVFLL 454
398 FAQFLLTACGTEVALDLLEEQAISEAGVMTWVGRQKQEMVESNSKIIVLC 447
455 SNDVNSVCDGTCGKSEGSP.....SENSQDLFPLAFNLFCSDLRSQIH 497
448 SRGTRAKWQALLGR..GAPVRLRCDHGKPVGDLFTAAMNMILPDFKRPAC 495
498 LHKYVVVYFREIDTKDDY.NALSVC PKYHLMK..DATAFCAELLHVKKQV 544
496 FGTYVVCYFSEVSCDGDVPDFLFGAAPRYPLMDRFEEVYFRIQDLEMFPQG 545
545 SAGKRSQACHDGCCSL*..... 561
546 RMHRVGELSGDNYLRSPGGRQLRAALDRFRDWQVRCPDWFECENLYSADD 595

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09410927 034504

FIGURE 5
Map of a Third IL-17 Receptor Like cDNA (SEQ ID NO: 6)
and Amino Acid (SEQ ID NO: 7) Sequence

1 ATAAAAGCGCAGCGTGCGGGTGGCCTGGATCCCCGCGCAGTGGCCCGGCGATGTCGCTCGT 60
61 GCTGCTAAGCCTGGCCGCGCTGTGCAGGAGCGCCGTACCCGAGAGCCGACCGTTCAATG 120
121 TGGCTCTGAAACTGGGCCATCTCCAGAGTGGATGCTACAACATGATCTAATCCCGGAGAGA 180
181 CTTGAGGGACCTCCGAGTAGAACCTGTTACAACACTAGTGTGCAACAGGGGACTATTCAAT 240
241 TTTGATGAATGTAAGCTGGGTACTCCGGGCAGATGTGGACATTTTCCTACATCGGCTTCC 300
M W T F S Y I G F P -
301 CTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCCATATATTCCTAATGCAAATATGA 360
V E L N T V Y F I G A H N I P N A N M N -
361 ATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCAGGCTGCCTAGACCACATAA 420
E D G P S M S V N F T S P G C L D H I M -
421 TGAAATATAAAAAAAGTGTGTCAAGGCCGAAGCCTGTGGGATCCGAACATCACTGCTT 480
K Y K K K C V K A G S L W D P N I T A C -
481 GTAAGAAGAATGAGGAGACAGTAGAAGTGAACCTCACAACCACTCCCCTGGGAAACAGAT 540
K K N E E T V E V N F T T T P L G N R Y -
541 ACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCTCAGGTGTTTGAGCCACACC 600
M A L I Q H S T I I G F S Q V F E P H Q -
601 AGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACTGGGGATAGTGAAGGTGCTA 660
K K Q T R A S V V I P V T G D S E G A T -
661 CGGTGCAGCTGACTCCATATTTTCCTACTTGTGGCAGCGACTGCATCCGACATAAAGGAA 720
V Q L T P Y F P T C G S D C I R H K G T -
721 CAGTTGTGCTCTGCCCACAAACAGGCGTCCCTTTCCCTCTGGATAACAACAAAAGCAAGC 780
V V L C P Q T G V P F P L D N N K S K P -
781 CGGGAGGCTGGCTGCCTCTCCTCCTGCTGTCTCTGCTGGTGGCCACATGGGTGCTGGTGG 840
G G W L P L L L L S L L V A T W V L V A -
841 CAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAGACTTCCTTTTCTACCACCA 900
G I Y L M W R H E R I K K T S F S T T T -
901 CACTACTGCCCCCATTAAAGGTTCTTGTGGTTTACCCATCTGAAATATGTTTCCATCACA 960
L L P P I K V L V V Y P S E I C F H H T -
961 CAATTTGTTACTTCACTGAATTTCTTCAAAACCATTGCAGAAGTGAGGTCATCCTCGAAA 1020
I C Y F T E F L Q N H C R S E V I L E K -
1021 AGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGCAGTGGCTTGCCACTCAAAAGA 1080
W Q K K K I A E M G P V Q W L A T Q K K -
1081 AGGCAGCAGACAAAGTCGTCTTCTTCTTCCAATGACGTCAACAGTGTGTGCGATGGTA 1140
A A D K V V F L L S N D V N S V C D G T -
1141 CCTGTGGCAAGAGCGAGGGCAGTCCCAGTGAGAACTCTCAAGACCTCTTCCCCCTTGCCT 1200
C G K S E G S P S E N S Q D L F P L A F -
1201 TTAACCTTTTCTGCACTGATCTAAGAAGCCAGATTCATCTGCACAAATACGTGGTGGTCT 1260
N L F C S D L R S Q I H L H K Y V V V Y -
1261 ACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTCAGTGTCTGCCCCAAGTACC 1320
F R E I D T K D D Y N A L S V C P K Y H -

1321	ACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTCCATGTCAAGCAGCAGGTGT	1380
	L M K D A T A F C A E L L H V K Q Q V S -	
1381	CAGCAGGAAAAAGATCACAAGCCTGCCACGATGGCTGCTGCTCCTTGTAGCCCACCCATG	1440
	A G K R S Q A C H D G C C S L *	
1441	AGAAGCAAGAGACCTTAAAGGCTTCCTATCCCACCAATTACAGGGAAAAAACGTGTGATG	1500
1501	ATCCTGAAGCTTACTATGCAGCCTACAAACAGCCTTAGTAATTAAACATTTTATACCAA	1560
1561	TAAAATTTTCAAATATTGCTAACTAATGTAGCATTAACTAACGATTGGAAACTACATTTA	1620
1621	CAACTTCAAAGCTGTTTTATACATAGAAATCAATTACAGCTTTAATTGAAAACGTGTAACC	1680
1681	ATTTTGATAATGCAACAATAAAGCATCTTCAGC	1713

FIGURE 6
Homology of a Third Human IL-17 Receptor Like Polypeptide
Amino Acid Sequence (SEQ ID NO: 7) and Known Human IL-17
Receptor Family Member (SEQ ID NO: 3)

```

1 .....MWTFSYIGFP 10
      | | : |
101 QTDASILYLEGAELSVLQLNTNERLCVRFEFLSKLRHHHRRWRFTFSHFV 150
      .
11  VELNTVYFIGAHNIPNANMNEDGSPMSVNFTSPGCLDHIMKYKKKCVKAG 60
      | : . | : | : | . | | | | | | | | . . |
151 VDPDQEYEVTVHHLPKPIPDGDPNHQSKNFLVPDCEHARMKVTTPCMSSG 200
      .
61  SLWDPNITACKKNEETVEVNFTTTPLGNRYMALI .....QHSTIIGFS 103
      | | | | | | | | . | | | | | : | | |
201 SLWDPNITVETLEAHQLRVSF TLWNESTHYQILLTSFPHMENHSCFEHMH 250
      .
104 QVFEPHQKKQTRASVVIPVTGDSEGA...TVQLTPYFPPTCGSDCIRHKGT 150
      : | | . . . | | . . | | : | : | . | . | : | | |
251 HIPAPRPEEFHQRSNVTLT LRNLKGCCR HQVQIQPFSSCLNDC LRHSAT 300
      .
151 VVLC PQ.TGV PFPLDNNSKPGGWLPLLLLSLLVATWVLVAGIYLMWRHE 199
      | | | : | | : . | : : | : | . | : . : : | |
301 .VSCPEMPDTP EIPDYMPLWVYWF.ITGISILLVGSVILLIVCMTWRLA 348
      .
200 RIKKTSFSTTT .....LLP....PIKVLVVPSE.ICFHHTICYF 234
      : | | | | : | | | | | : : | : . : : |
349 GPGSEKYSDDTKYTDGLPAADLIPPPLKPRKVWIIYSADHPLYVDVVLKF 398
      .
235 TEFLQNHCRSEVILEKWQKKKIAEMGPVQWLATQK....KAADKVVFLLS 280
      : | | | | . | | | : : . | . | . | | . . | : : | |
399 AQFLLTACGTEVALDLLEEQAISEAGVMTWVGRQKQEMVESNSKIIVLCS 448
      .
281 NDVNSVCDGTCGKSEGSP .....SENSQDLFPLAFNLFCSDLRSQIHL 323
      . | : | . | | | | | : | | :
449 RGTRAKWQALLGR..GAPVRLRCDHGKPVGDLFTAAMNMILPDFKRPACF 496
      .
324 HKYVVVYFREIDTKDDY.NALSVCPKYHLMK..DATAFCAELLHVKKQVS 370
      | | | | | : | . | : | | | : | : | . |
497 GTYVVCYFSEVSCDGDV PDLFGAAPRYPLMDRFEEVYFRIQDLEMFQPGR 546
      .
371 AGKRSQACHDGCCSL* ..... 386
      : : |
547 MHRVGELSGDNYLRSPGGRQLRAALDRFRDWQVRCPDWFECENLYSADDQ 596

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F03109 2007.866

FIGURE 7
Overlap of Amino Acid Sequences of the First (SEQ ID NO: 2),
Second (SEQ ID NO: 5), and Third (SEQ ID NO: 7) Human IL-17
Receptor Like Polypeptides

1	MSLVLLSLAA	LCRS	AVPREP	TVQCGSETGP	SPEWMLQHDL	IPGDLRDLRV
1	MSLVLLSLAA	LCRS	AVPREP	TVQCGSETGP	SPEWMLQHDL	IPGDLRDLRV
51	EPVTTSVATG	DYSILMNVS	WVLRADASIRL	LKATKICVTG	KSNFQSYSCV	
51	EPVTTSVATG	DYSILMNVS	WVLRADASIRL	LKATKICVTG	KSNFQSYSCV	
101	RCNYTEAFQT	QTRPSGGK--	-----	-----	-----	-----
101	RLECSGAIMA	RCDLNLGSS	DRSASASRAA	GTAGVGHQNW	LIFVVVFVEGG	
119	-----	-----	-----WTFS	YIGFPVELNT	VYFIGAHNIP	
151	FTVLLVLNSS	AQAICLPRLP	KVLGLQWTFS	YIGFPVELNT	VYFIGAHNIP	
1			MWTFS	YIGFPVELNT	VYFIGAHNIP	
143	NANMNEDGPS	MSVNFTSPGC	LDHIMKYKKK	CVKAGSLWDP	NITACKKNEE	
201	NANMNEDGPS	MSVNFTSPGC	LDHIMKYKKK	CVKAGSLWDP	NITACKKNEE	
26	NANMNEDGPS	MSVNFTSPGC	LDHIMKYKKK	CVKAGSLWDP	NITACKKNEE	
193	TVEVNFTTTP	LGNRYMALIQ	HSTIIGFSQV	FEPHQKKQTR	ASVVIPVTGD	
251	TVEVNFTTTP	LGNRYMALIQ	HSTIIGFSQV	FEPHQKKQTR	ASVVIPVTGD	
76	TVEVNFTTTP	LGNRYMALIQ	HSTIIGFSQV	FEPHQKKQTR	ASVVIPVTGD	
243	SEGATVQLTP	YFPTCGSDCI	RHKGTVVLCP	QTGVPPFLDN	NKSKPGGWLP	
301	SEGATVQLTP	YFPTCGSDCI	RHKGTVVLCP	QTGVPPFLDN	NKSKPGGWLP	
126	SEGATVQLTP	YFPTCGSDCI	RHKGTVVLCP	QTGVPPFLDN	NKSKPGGWLP	
293	<u>LLLLSLLVAT</u>	<u>WVLVAGIYLM</u>	<u>WRHERIKKTS</u>	<u>FSTTTLLPPI</u>	<u>KVLVVYPSEI</u>	
351	<u>LLLLSLLVAT</u>	<u>WVLVAGIYLM</u>	<u>WRHERIKKTS</u>	<u>FSTTTLLPPI</u>	<u>KVLVVYPSEI</u>	
176	<u>LLLLSLLVAT</u>	<u>WVLVAGIYLM</u>	<u>WRHERIKKTS</u>	<u>FSTTTLLPPI</u>	<u>KVLVVYPSEI</u>	
343	CFHHTICYFT	EFLQNHCRSE	VILEKWQKKK	IAEMGPVQWL	ATQKKAADKV	
401	CFHHTICYFT	EFLQNHCRSE	VILEKWQKKK	IAEMGPVQWL	ATQKKAADKV	
226	CFHHTICYFT	EFLQNHCRSE	VILEKWQKKK	IAEMGPVQWL	ATQKKAADKV	
393	VFLLSNDVNS	VCDGTCGKSE	GSPSENSQDL	FPLAFNLFCS	DLRSQIHLHK	
451	VFLLSNDVNS	VCDGTCGKSE	GSPSENSQDL	FPLAFNLFCS	DLRSQIHLHK	
276	VFLLSNDVNS	VCDGTCGKSE	GSPSENSQDL	FPLAFNLFCS	DLRSQIHLHK	
443	YVVVYFREID	TKDDYNALSV	CPKYHLMKDA	TAFCAELLHV	KQQVSAGKRS	
501	YVVVYFREID	TKDDYNALSV	CPKYHLMKDA	TAFCAELLHV	KQQVSAGKRS	
326	YVVVYFREID	TKDDYNALSV	CPKYHLMKDA	TAFCAELLHV	KQQVSAGKRS	
493	QACHDGCCSL	*				
551	QACHDGCCSL	*				
376	QACHDGCCSL	*				

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[illegible]

Figure 10

Non-Transgenics

IL-17L Transgenics

A



B



Lymph Node H&E 2x

C



D

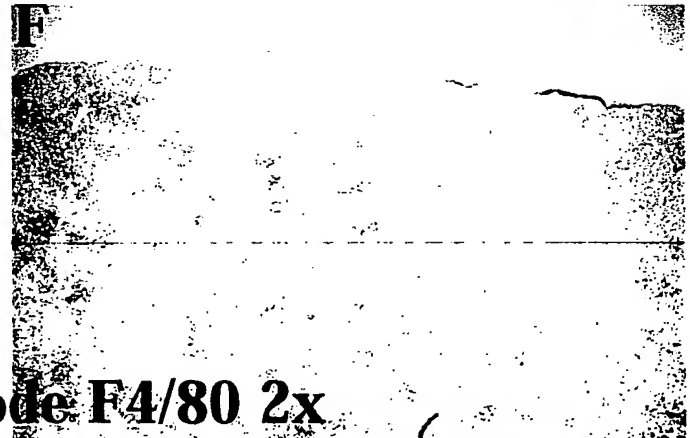


Lymph Node B220 2x

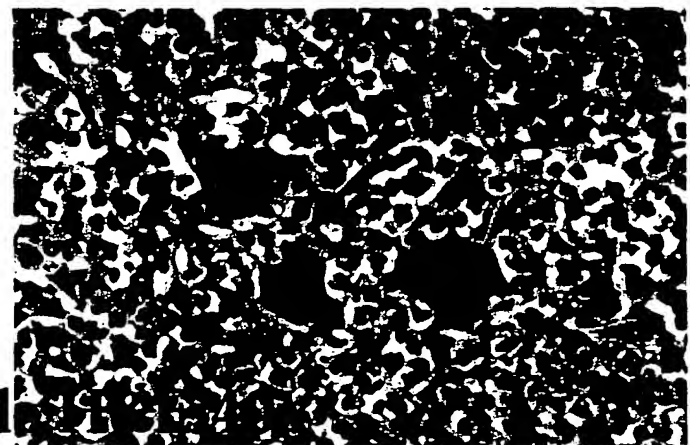
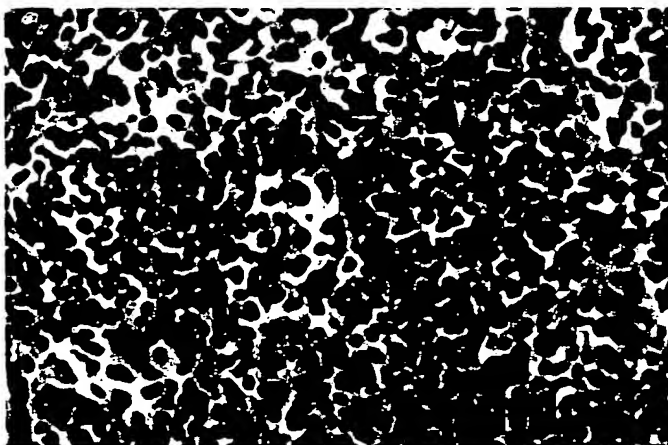
E



F



Lymph Node F4/80 2x



Lymph Node H&E 4x

Figure 11

Non-Transgenics

IL-17I Transgenics

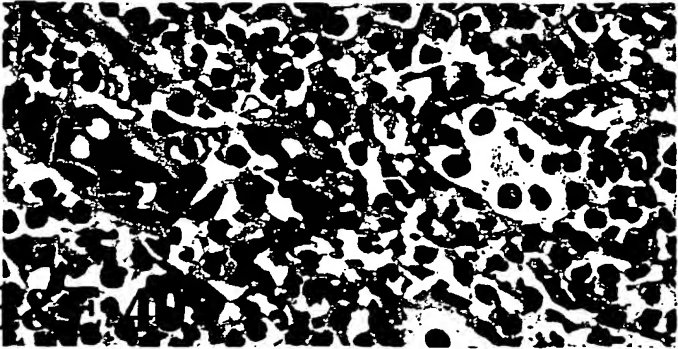
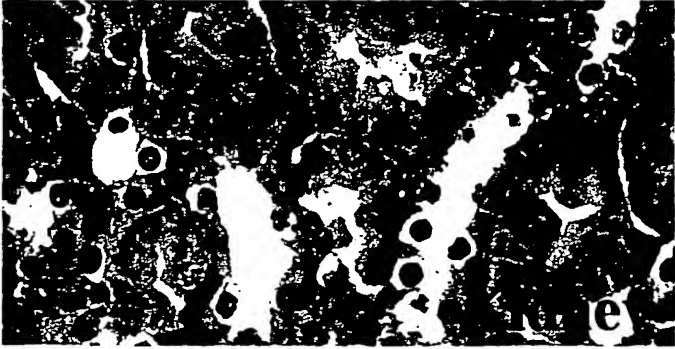
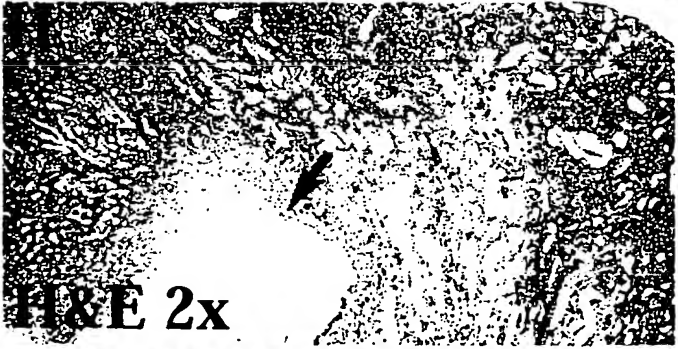
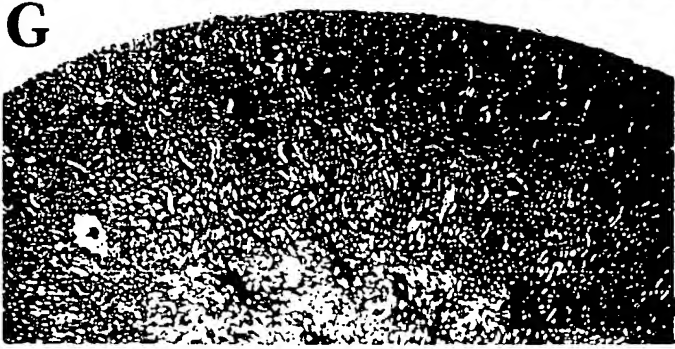
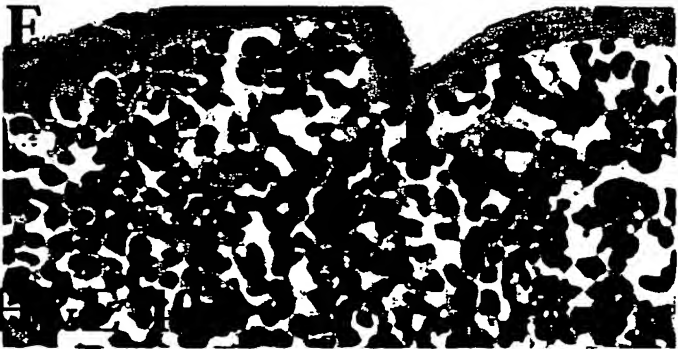
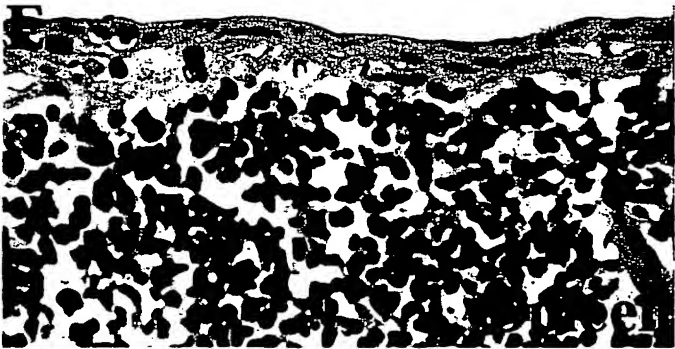
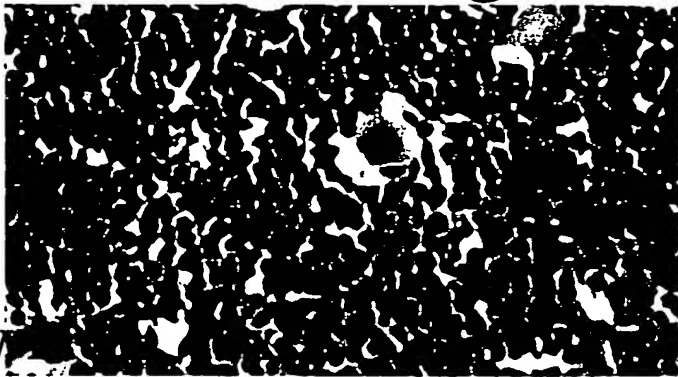
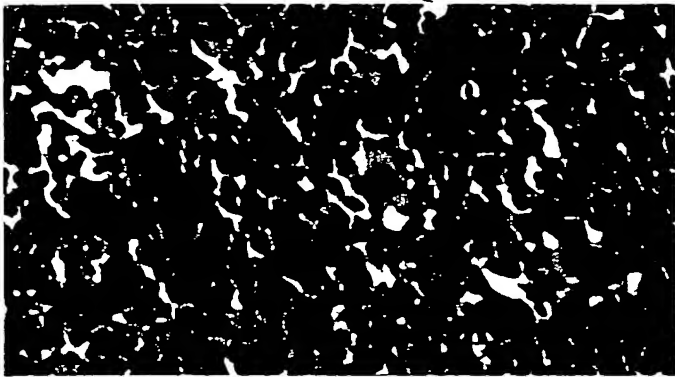
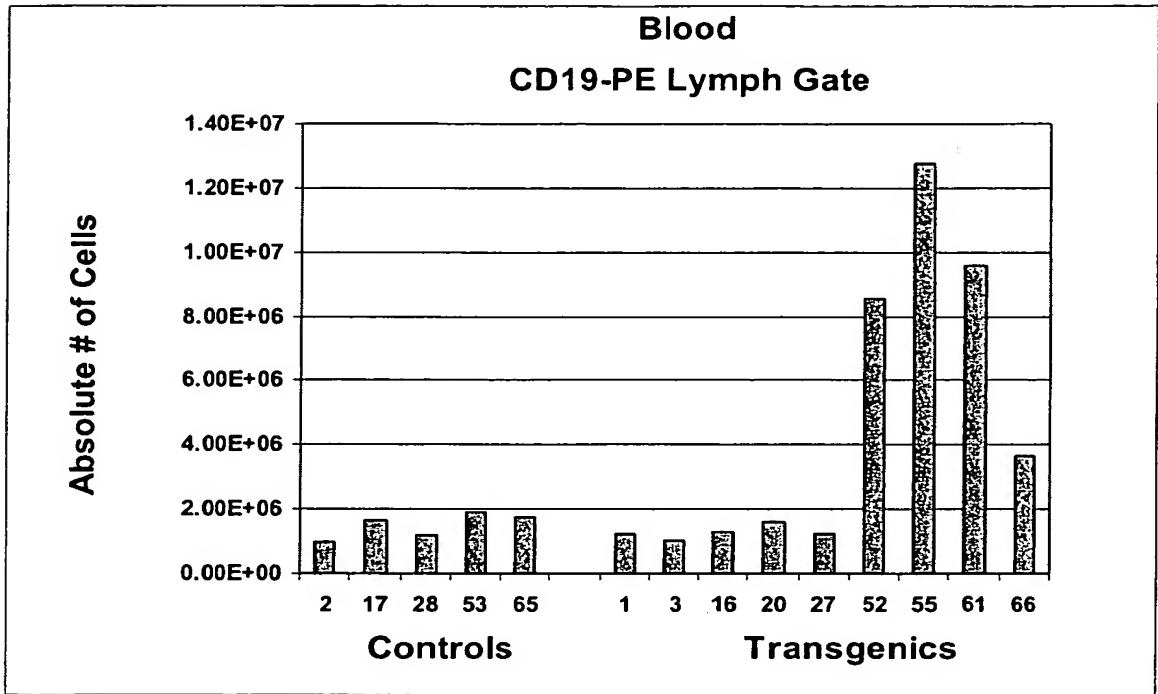
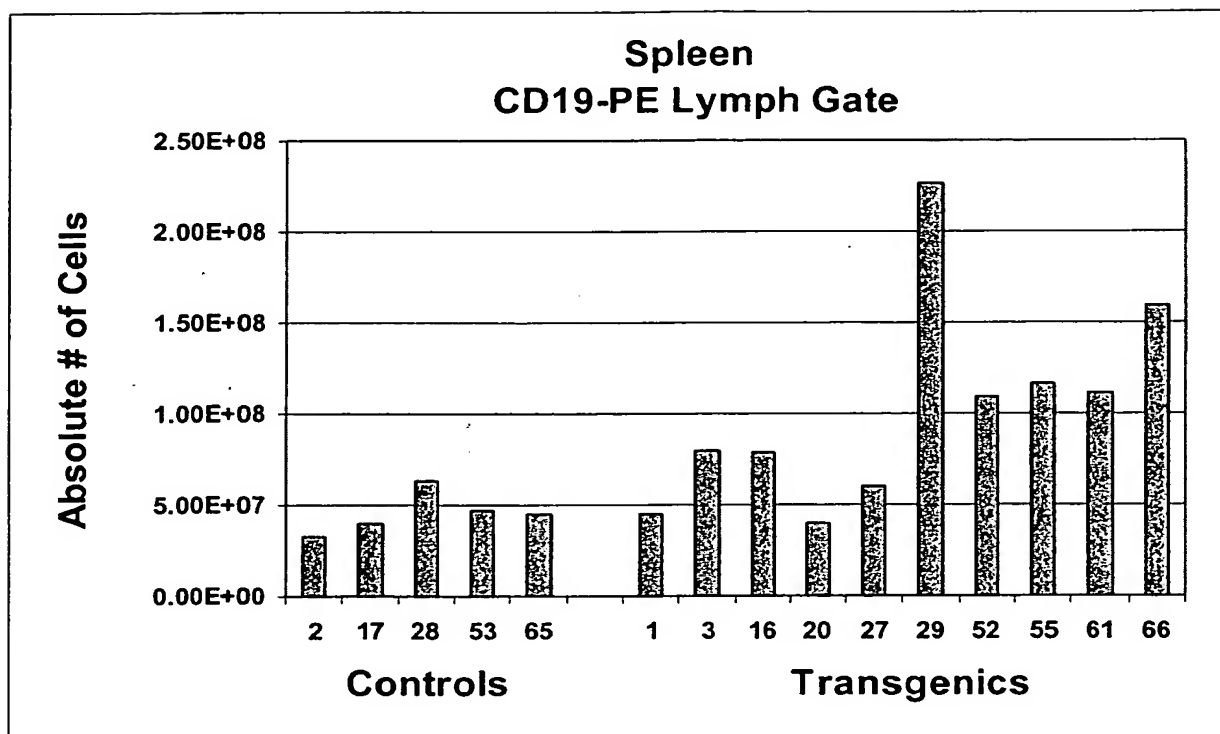


Figure 12



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Figure 13



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Figure 14

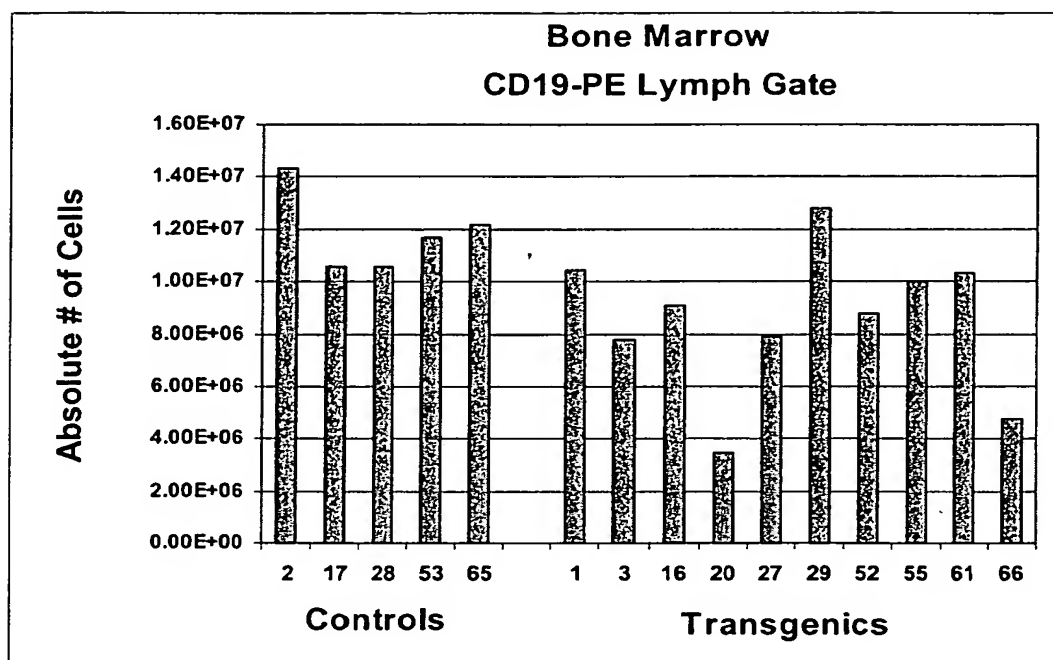
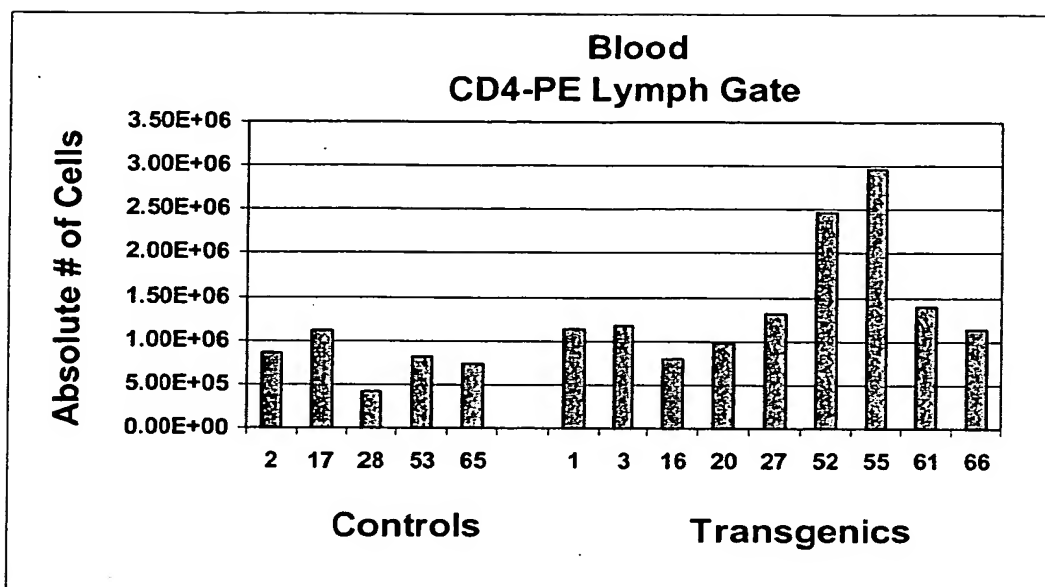


Figure 15



TOP SECRET

Figure 16

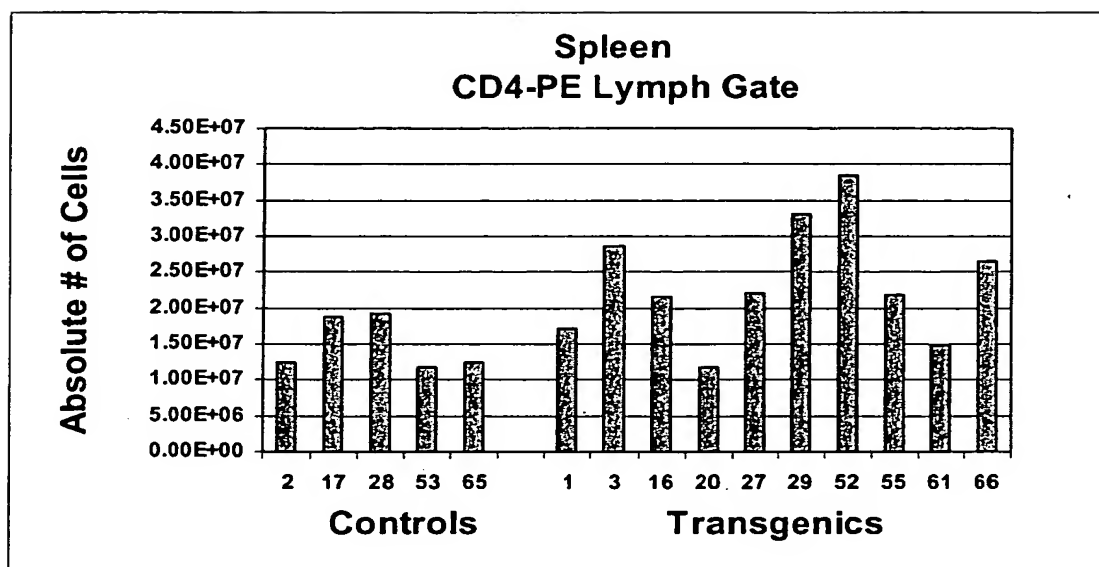


Figure 17

CD45R+ CELLS EXPRESSING IL17Br IN TRANSGENIC BONE MARROW

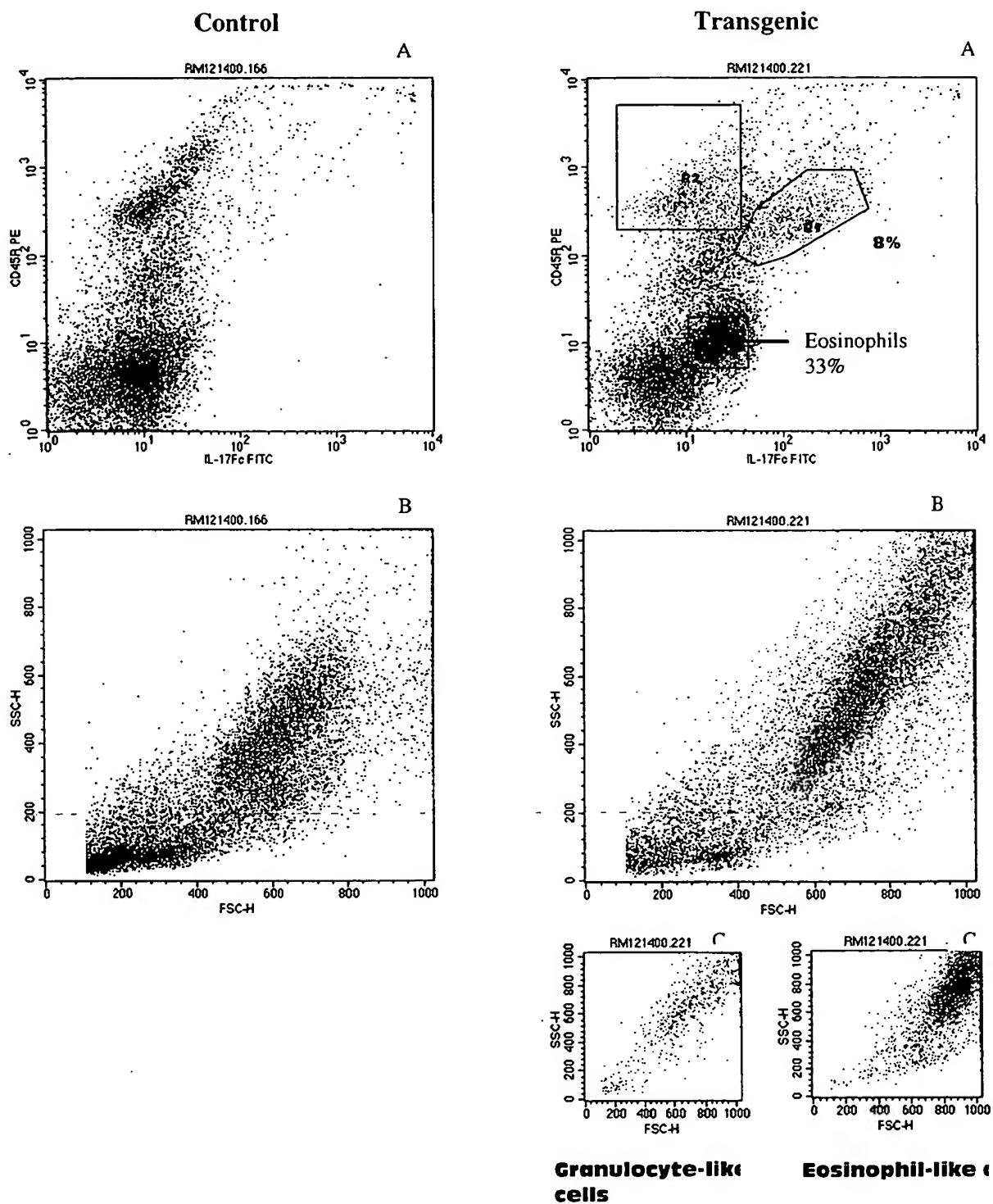


Figure 18

CD4+ CELLS EXPRESSING IL17Br IN TRANSGENIC BONE MARROW

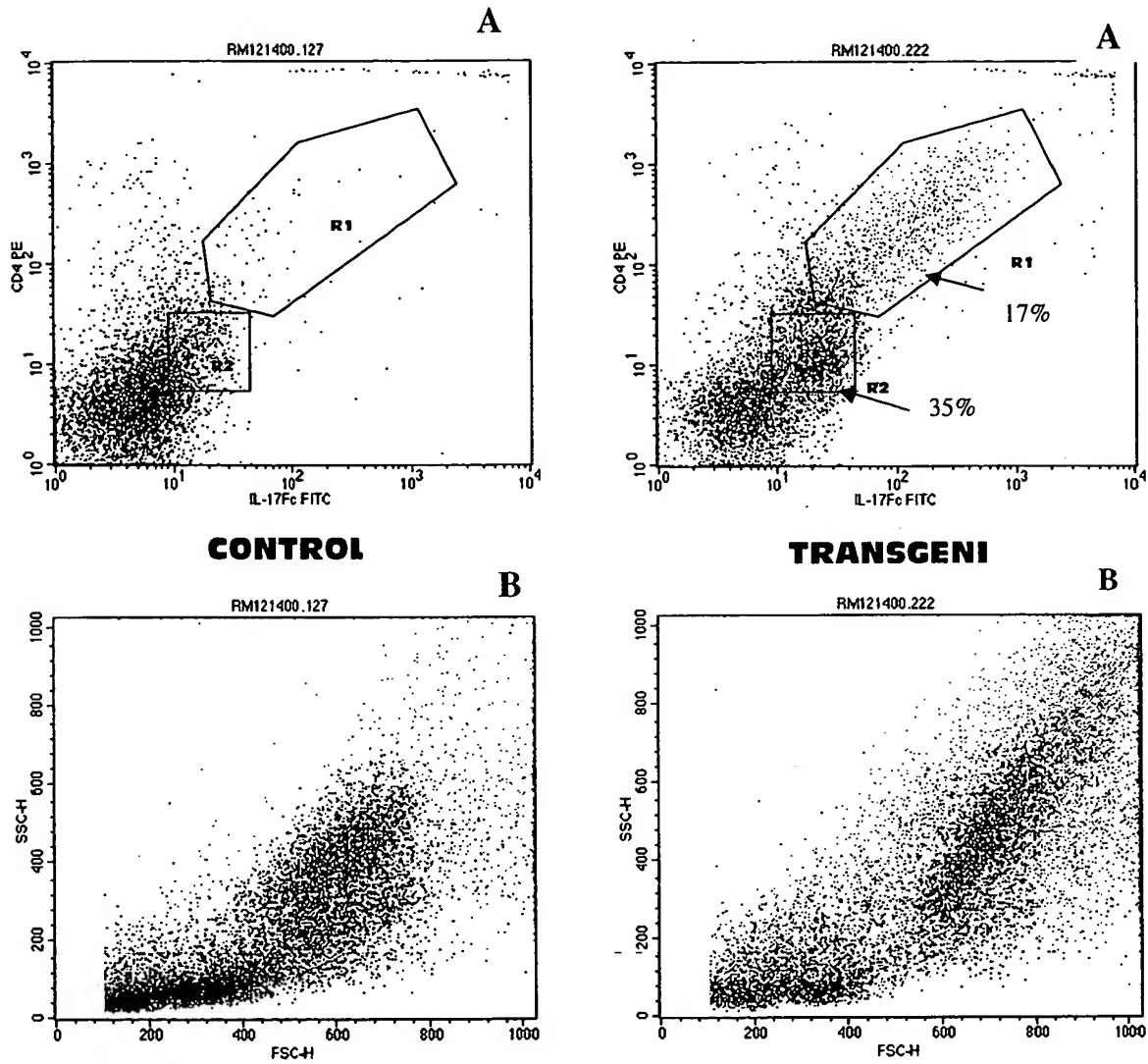
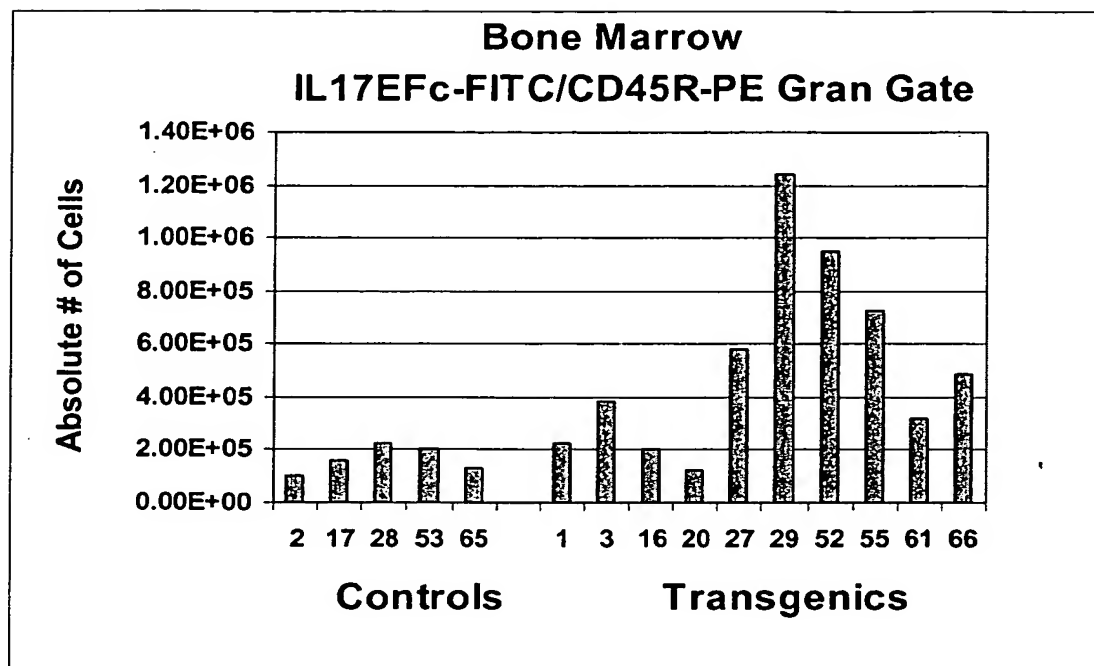
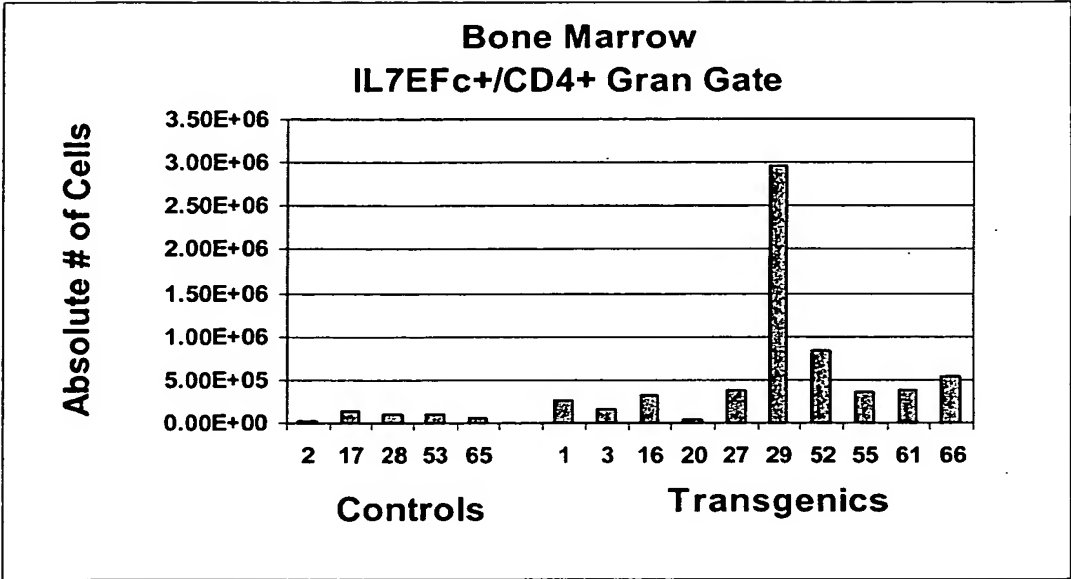


Figure 19



FOUO 22601860

Figure 20



FOUO: 22607850

Figure 21

Example of a typical eosinophil Forward vs. Side scatter plot (size vs. granularity). Cells in the gate can be sorted to give a purified population.

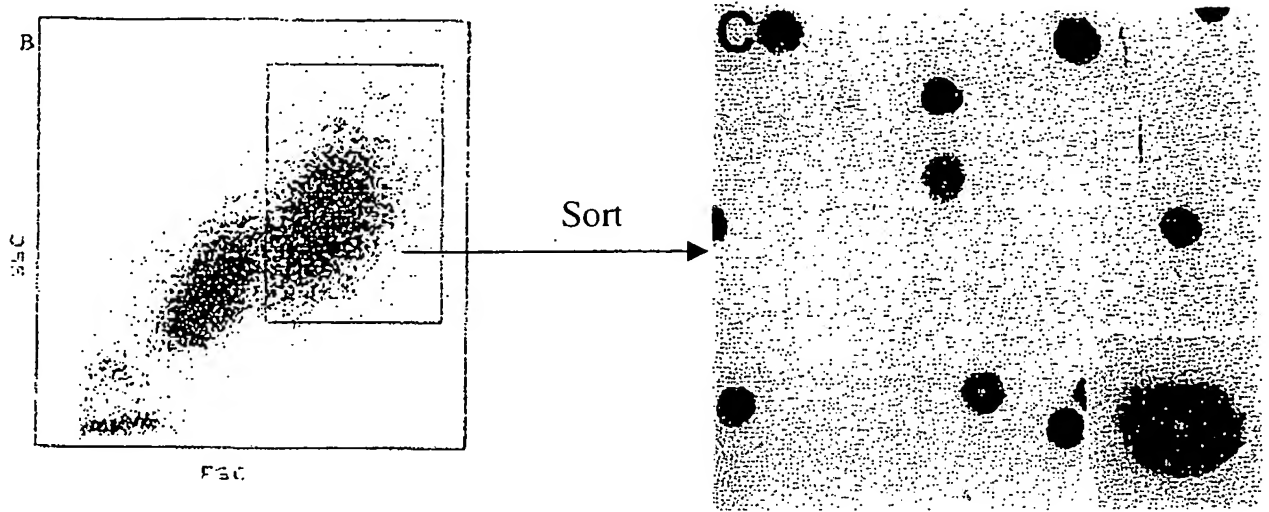


Figure 22

IL-17RB-2 Fusion Protein (SEQ ID NO: 24)

1 **MSLVLLSLAA** **LCRS**AVPREP TVQCGSETGP SPEWMLQHDL IPGDLRDLRV
51 EPVTTSVATG DYSILMNVS W VLRADASIRL LKATKICVTG KSNFQSYSCV
101 RCNYTEAFQT QTRPSGGKWT FSYIGFPVEL NTVYFIGAHN IPNANMNEDG
151 PSMSVNFTSP GCLDHIMKYK KKC VKAGSLW DPNITACKKN EETVEVNFTT
201 TPLGNRYMAL IQHSTIIGFS QVFEPHQKKQ TRASVVIPVT GDSEGATVQL
251 TPYFPTCGSD CIRHKGT VVL CPQTGVPFPL DNNKSKPGGW LPAAAEPKSC
301 DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED
351 PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK
401 CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK
451 GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG
501 NVFSCSVMHE ALHNHYTQKS LSLSPGK*

094092-02404

Figure 23

Fusion Protein for IL-17RB-3 (SEQ ID NO: 25)

1 **MSLVLLSLAA** **LCRS**AVPREP TVQCGSETGP SPEWMLQHDL IPGDLRDLRV
51 EPVTTSVATG DYSILMNVS W VLRADASIRL LKATKICVTG KSNFQSYSCV
101 RLECSGAIMA RCDLNLLGSS DRSASASRAA GTAGVGHQTW LIFVVFVEGG
151 FTVLLVLNSS AQAICLPRLP KVLGLQWTFS YIGFPVELNT VYFIGAHNIP
201 NANMNEDGPS MSVNFTSPGC LDHIMKYKKK CVKAGSLWDP NITACKKNEE
251 TVEVNFTTTP LGNRYMALIQ HSTIIGFSQV FEPHQKKQTR ASVVIPVTGD
301 SEGATVQLTP YFPTCGSDCI RHKGTVVLCP QTGVPPPLDN NKSKPGGWLP
351 AAAEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV
401 VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD
451 WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTL PSRDELTKNQ
501 VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV
551 DKSRWQQGNV FSCSVMEAL HNHYTQKSLS LSPGK*

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